

# Technique for monitoring the indicators of the total contact spot of spur gears of the truck's differential gear

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## Abstract

© Published under licence by IOP Publishing Ltd. The article contains the main provisions of the technique, which allows to control the area of the total contact patch and its position relative to the tooth edges. Graphical schemes for finding indicators are given. An example of the calculation of the indicators established by the methodology, as well as the results of its application for assessing the quality of the setup performance, is considered on the example of processing a differential satellite in the operation of circular gearing.

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